

STRATEGIES UNDERWAY IN CALIFORNIA THAT REDUCE GREENHOUSE GAS EMISSIONS

The table below lists greenhouse gas (GHG) emission reduction strategies that are already underway in California. These strategies, when fully implemented, significantly reduce greenhouse gas emissions in the state. The strategies listed here are considered “high-confidence” strategies and were evaluated by the California Climate Action Team (Team) to determine reasonable GHG targets. They will bring California half way towards meeting the 2010 target.

Strategies Already Underway in California

Lead Agency/Strategy	GHG Savings ¹ (Million Tons CO ₂ Equivalent)	
	2010	2020
Air Resources Board		
GHG Vehicle Standards (AB 1493)	1	30
Diesel Anti-idling	1	2
Energy Commission/Public Utilities Commission		
Accelerated Renewable Portfolio Std (33% by 2020)	5	11
Million Solar Roofs	0.4	3
Integrated Waste Management Board		
Zero Waste/High Recycling Programs	7	10
Energy Commission		
Full cost-effective natural gas efficiency improvements	1	6
Appliance Efficiency Standards ²	3	5
Fuel-efficient Replacement Tires & Inflation Programs	3	3
Business Transportation and Housing		
Reduced Venting and Leaks in Oil and Gas Systems	1	1
State and Consumer Services		
Green Buildings Initiative	Not yet estimated	
Air Resources Board/CalEPA		
Hydrogen Vehicles	Not yet estimated	
Total Potential Emission Reductions³	23	70

1 These are approximations that best reflect our current knowledge given a committed and coordinated effort with strong state leadership in partnership with industry.

2 Included in the baseline are the 2004 energy efficiency goals which will result in an estimated reduction of 4 million tons of GHG emissions in 2010 and 13 million tons of GHG emissions in 2020.

3 Rounding may cause this number to be slightly different than the sum of the numbers for each strategy.

It should be noted that other strategies, such as the use of biofuels and landfill methane capture and use, are still being evaluated and will be vetted internally by the agencies represented on the Climate Action Team. The Team would ultimately be responsible for determining which other strategies are most likely to be successful in the state as well as considering any additional strategies not yet evaluated. In January 2006, the Team will report to the Governor on the next group of strategies to be enacted.